

ABSTRACT OF THE DISCLOSURE

An improved stator for an electric motor. In one form of the invention, each stator slot in a stator contains only coils of a single phase. Thus, if a short occurs in that coil, no other phase is present in the slot for the short to connect with. In another form of the invention, pre-formed coils are constructed, having hollow cores. Each coil is inserted over a stator tooth, and then additional structure is added to form a rim from which the teeth extend, somewhat like spokes on a wheel.